

Prasad Devarajan

List of Publications by Year in descending order

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282
papers

32,441
citations

4641

85
h-index

4203

174
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293
all docs

293
docs citations

293
times ranked

17374
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil gelatinase-associated lipocalin (NGAL) as a biomarker for acute renal injury after cardiac surgery. <i>Lancet, The</i> , 2005, 365, 1231-1238.	6.3	2,695
2	Accuracy of Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Diagnosis and Prognosis in Acute Kidney Injury: A Systematic Review and Meta-analysis. <i>American Journal of Kidney Diseases</i> , 2009, 54, 1012-1024.	2.1	1,612
3	Identification of Neutrophil Gelatinase-Associated Lipocalin as a Novel Early Urinary Biomarker for Ischemic Renal Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2534-2543.	3.0	1,546
4	Update on Mechanisms of Ischemic Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1503-1520.	3.0	897
5	Kidney NGAL is a novel early marker of acute injury following transplantation. <i>Pediatric Nephrology</i> , 2006, 21, 856-863.	0.9	848
6	Endocytic delivery of lipocalin-siderophore-iron complex rescues the kidney from ischemia-reperfusion injury. <i>Journal of Clinical Investigation</i> , 2005, 115, 610-621.	3.9	796
7	Urine NGAL Predicts Severity of Acute Kidney Injury After Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 665-673.	2.2	657
8	Dual Action of Neutrophil Gelatinase-Associated Lipocalin. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 407-413.	3.0	654
9	Sensitivity and Specificity of a Single Emergency Department Measurement of Urinary Neutrophil Gelatinase-Associated Lipocalin for Diagnosing Acute Kidney Injury. <i>Annals of Internal Medicine</i> , 2008, 148, 810.	2.0	597
10	The Outcome of Neutrophil Gelatinase-Associated Lipocalin-Positive Subclinical Acute Kidney Injury. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1752-1761.	1.2	597
11	Postoperative Biomarkers Predict Acute Kidney Injury and Poor Outcomes after Adult Cardiac Surgery. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1748-1757.	3.0	575
12	Amelioration of Ischemic Acute Renal Injury by Neutrophil Gelatinase-Associated Lipocalin. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 3073-3082.	3.0	494
13	Neutrophil Gelatinase-Associated Lipocalin: A Novel Early Urinary Biomarker for Cisplatin Nephrotoxicity. <i>American Journal of Nephrology</i> , 2004, 24, 307-315.	1.4	481
14	Plasma neutrophil gelatinase-associated lipocalin predicts acute kidney injury, morbidity and mortality after pediatric cardiac surgery: a prospective uncontrolled cohort study. <i>Critical Care</i> , 2007, 11, R127.	2.5	416
15	Differential gene expression following early renal ischemia/reperfusion. <i>Kidney International</i> , 2003, 63, 1714-1724.	2.6	413
16	Incidence, risk factors, and outcomes of acute kidney injury after pediatric cardiac surgery: A prospective multicenter study*. <i>Critical Care Medicine</i> , 2011, 39, 1493-1499.	0.4	401
17	NGAL is an early predictive biomarker of contrast-induced nephropathy in children. <i>Pediatric Nephrology</i> , 2007, 22, 2089-2095.	0.9	396
18	Novel and conventional serum biomarkers predicting acute kidney injury in adult cardiac surgery—a prospective cohort study*. <i>Critical Care Medicine</i> , 2009, 37, 553-560.	0.4	385

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19	Urine neutrophil gelatinase-associated lipocalin is an early marker of acute kidney injury in critically ill children: a prospective cohort study. <i>Critical Care</i> , 2007, 11, R84.	2.5	366
20	The Ngal reporter mouse detects the response of the kidney to injury in real time. <i>Nature Medicine</i> , 2011, 17, 216-222.	15.2	359
21	Postoperative Biomarkers Predict Acute Kidney Injury and Poor Outcomes after Pediatric Cardiac Surgery. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1737-1747.	3.0	327
22	Urinary cystatin C as an early biomarker of acute kidney injury following adult cardiothoracic surgery. <i>Kidney International</i> , 2008, 74, 1059-1069.	2.6	320
23	Diagnostic and Prognostic Stratification in the Emergency Department Using Urinary Biomarkers of Nephron Damage. <i>Journal of the American College of Cardiology</i> , 2012, 59, 246-255.	1.2	306
24	Review: Neutrophil gelatinase-associated lipocalin: A troponin-like biomarker for human acute kidney injury. <i>Nephrology</i> , 2010, 15, 419-428.	0.7	305
25	Serum neutrophil gelatinase-associated lipocalin (NGAL) as a marker of acute kidney injury in critically ill children with septic shock. <i>Critical Care Medicine</i> , 2008, 36, 1297-1303.	0.4	304
26	Urinary Biomarkers in the Clinical Prognosis and Early Detection of Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 2154-2165.	2.2	296
27	Plasma and urine neutrophil gelatinase-associated lipocalin in septic versus non-septic acute kidney injury in critical illness. <i>Intensive Care Medicine</i> , 2010, 36, 452-461.	3.9	294
28	Temporal Relationship and Predictive Value of Urinary Acute Kidney Injury Biomarkers After Pediatric Cardiopulmonary Bypass. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2301-2309.	1.2	292
29	IL-18 and Urinary NGAL Predict Dialysis and Graft Recovery after Kidney Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 189-197.	3.0	285
30	Neutrophil gelatinase-associated lipocalin: a promising biomarker for human acute kidney injury. <i>Biomarkers in Medicine</i> , 2010, 4, 265-280.	0.6	275
31	Neutrophil gelatinase-associated lipocalin (NGAL): A new marker of kidney disease. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 89-94.	0.6	268
32	New biomarkers of acute kidney injury. <i>Critical Care Medicine</i> , 2008, 36, S159-S165.	0.4	259
33	Emerging Biomarkers of Acute Kidney Injury. , 2007, 156, 203-212.		235
34	Improved performance of urinary biomarkers of acute kidney injury in the critically ill by stratification for injury duration and baseline renal function. <i>Kidney International</i> , 2011, 79, 1119-1130.	2.6	232
35	Cisplatin Induces Apoptosis in LLC-PK1 Cells via Activation of Mitochondrial Pathways. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 858-865.	3.0	223
36	Biomarkers for the early detection of acute kidney injury. <i>Pediatric Nephrology</i> , 2008, 23, 2151-2157.	0.9	222

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37	Neutrophil gelatinase-associated lipocalin as a biomarker of acute kidney injury: a critical evaluation of current status. <i>Annals of Clinical Biochemistry</i> , 2014, 51, 335-351.	0.8	220
38	Serum neutrophil gelatinase-associated lipocalin as a marker of renal function in children with chronic kidney disease. <i>Pediatric Nephrology</i> , 2007, 22, 101-108.	0.9	219
39	Cisplatin nephrotoxicity: molecular mechanisms. <i>Cancer Therapy</i> , 2003, 1, 47-61.	2.9	215
40	Biomarkers for the early detection of acute kidney injury. <i>Current Opinion in Pediatrics</i> , 2011, 23, 194-200.	1.0	212
41	Gene expression in early ischemic renal injury: clues towards pathogenesis, biomarker discovery, and novel therapeutics. <i>Molecular Genetics and Metabolism</i> , 2003, 80, 365-376.	0.5	208
42	Urinary neutrophil gelatinase-associated lipocalin as a biomarker of nephritis in childhood-onset systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2006, 54, 2577-2584.	6.7	208
43	Neutrophil gelatinase-associated lipocalin-mediated iron traffic in kidney epithelia. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 442-449.	1.0	203
44	Sodium bicarbonate to prevent increases in serum creatinine after cardiac surgery: A pilot double-blind, randomized controlled trial*. <i>Critical Care Medicine</i> , 2009, 37, 39-47.	0.4	196
45	Performance of Kidney Injury Molecule-1 and Liver Fatty Acid-Binding Protein and Combined Biomarkers of AKI after Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1079-1088.	2.2	194
46	Urinary neutrophil gelatinase-associated lipocalin in D+HUS: a novel marker of renal injury. <i>Pediatric Nephrology</i> , 2006, 21, 989-994.	0.9	189
47	Cisplatin-induced apoptosis in auditory cells: role of death receptor and mitochondrial pathways. <i>Hearing Research</i> , 2002, 174, 45-54.	0.9	186
48	Serum Interleukin-6 and interleukin-8 are early biomarkers of acute kidney injury and predict prolonged mechanical ventilation in children undergoing cardiac surgery: a case-control study. <i>Critical Care</i> , 2009, 13, R104.	2.5	182
49	Neutrophil Gelatinase-Associated Lipocalin Concentrations Predict Development of Acute Kidney Injury in Neonates and Children after Cardiopulmonary Bypass. <i>Journal of Pediatrics</i> , 2011, 158, 1009-1015.e1.	0.9	179
50	Tolerance of the Human Kidney to Isolated Controlled Ischemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 506-517.	3.0	178
51	ACTIVATION OF MITOCHONDRIAL APOPTOTIC PATHWAYS IN HUMAN RENAL ALLOGRAFTS AFTER ISCHEMIA-REPERFUSION INJURY. <i>Transplantation</i> , 2003, 76, 50-54.	0.5	170
52	Biomarkers in acute and chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2008, 17, 127-132.	1.0	166
53	Some biomarkers of acute kidney injury are increased in pre-renal acute injury. <i>Kidney International</i> , 2012, 81, 1254-1262.	2.6	166
54	Novel Biomarkers Early Predict the Severity of Acute Kidney Injury After Cardiac Surgery in Adults. <i>Annals of Thoracic Surgery</i> , 2009, 88, 124-130.	0.7	161

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55	Combining Functional and Tubular Damage Biomarkers Improves Diagnostic Precision for Acute Kidney Injury After Cardiac Surgery. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2753-2762.	1.2	160
56	The assessment, serial evaluation, and subsequent sequelae of acute kidney injury (ASSESS-AKI) study: design and methods. <i>BMC Nephrology</i> , 2010, 11, 22.	0.8	139
57	Test Characteristics of Urinary Biomarkers Depend on Quantitation Method in Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 322-333.	3.0	135
58	Association of noninvasively measured renal protein biomarkers with histologic features of lupus nephritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 2687-2697.	6.7	134
59	The predictive performance of plasma neutrophil gelatinase-associated lipocalin (NGAL) increases with grade of acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 3349-3354.	0.4	131
60	Neutrophil gelatinase-associated lipocalin is a predictor of the course of global and renal childhood-onset systemic lupus erythematosus disease activity. <i>Arthritis and Rheumatism</i> , 2009, 60, 2772-2781.	6.7	121
61	Neutrophil gelatinase-associated lipocalin as a biomarker of disease activity in pediatric lupus nephritis. <i>Pediatric Nephrology</i> , 2008, 23, 403-412.	0.9	120
62	Neutrophil gelatinase-associated lipocalin—an emerging troponin for kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3737-3743.	0.4	119
63	Early Prediction of Acute Renal Injury Using Urinary Proteomics. <i>American Journal of Nephrology</i> , 2005, 25, 318-326.	1.4	118
64	Urinary NGAL in Premature Infants. <i>Pediatric Research</i> , 2008, 64, 423-428.	1.1	117
65	Cellular and molecular derangements in acute tubular necrosis. <i>Current Opinion in Pediatrics</i> , 2005, 17, 193-199.	1.0	115
66	Serum Cystatin C Is an Early Predictive Biomarker of Acute Kidney Injury after Pediatric Cardiopulmonary Bypass. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1552-1557.	2.2	115
67	Early postoperative serum cystatin C predicts severe acute kidney injury following pediatric cardiac surgery. <i>Kidney International</i> , 2011, 80, 655-662.	2.6	114
68	Kidney Outcomes 5 Years After Pediatric Cardiac Surgery. <i>JAMA Pediatrics</i> , 2016, 170, 1071.	3.3	112
69	NGAL (Lcn2) monomer is associated with tubulointerstitial damage in chronic kidney disease. <i>Kidney International</i> , 2012, 82, 718-722.	2.6	111
70	Baseline Values of Candidate Urine Acute Kidney Injury Biomarkers Vary by Gestational Age in Premature Infants. <i>Pediatric Research</i> , 2011, 70, 302-306.	1.1	110
71	Follow-Up Renal Assessment of Injury Long-Term After Acute Kidney Injury (FRAIL-AKI). <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 21-29.	2.2	109
72	Initial Validation of a Novel Protein Biomarker Panel for Active Pediatric Lupus Nephritis. <i>Pediatric Research</i> , 2009, 65, 530-536.	1.1	108

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73	Single-Cell Profiling of AKI in a Murine Model Reveals Novel Transcriptional Signatures, Profibrotic Phenotype, and Epithelial-to-Stromal Crosstalk. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2793-2814.	3.0	108
74	Tubular proteinuria in acute kidney injury: a critical evaluation of current status and future promise. <i>Annals of Clinical Biochemistry</i> , 2010, 47, 301-312.	0.8	106
75	Urine Biomarkers Predict Acute Kidney Injury and Mortality in Very Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2011, 159, 907-912.e1.	0.9	100
76	Chronic Inflammation in Chronic Kidney Disease Progression: Role of Nrf2. <i>Kidney International Reports</i> , 2021, 6, 1775-1787.	0.4	100
77	Pediatric reference ranges for acute kidney injury biomarkers. <i>Pediatric Nephrology</i> , 2015, 30, 677-685.	0.9	98
78	Post-acute kidney injury proteinuria and subsequent kidney disease progression. <i>JAMA Internal Medicine</i> , 2020, 180, 402.	2.6	98
79	Cystatin C as a Marker of Acute Kidney Injury in the Emergency Department. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1745-1754.	2.2	97
80	A Framework and Key Research Questions in AKI Diagnosis and Staging in Different Environments. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 864-868.	2.2	96
81	Proteomics for Biomarker Discovery in Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2007, 27, 637-651.	0.6	95
82	Preoperative angiotensin-converting enzyme inhibitors and angiotensin receptor blocker use and acute kidney injury in patients undergoing cardiac surgery. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2787-2799.	0.4	93
83	Molecular nephrology: types of acute tubular injury. <i>Nature Reviews Nephrology</i> , 2019, 15, 599-612.	4.1	91
84	Metabonomics of acute kidney injury in children after cardiac surgery. <i>Pediatric Nephrology</i> , 2008, 23, 977-984.	0.9	89
85	Emerging urinary biomarkers in the diagnosis of acute kidney injury. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 387-398.	1.6	88
86	Urinary Netrin-1 Is an Early Predictive Biomarker of Acute Kidney Injury after Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 395-401.	2.2	88
87	AKI in Children Hospitalized with Nephrotic Syndrome. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 2110-2118.	2.2	87
88	Association of Urinary Biomarkers of Inflammation, Injury, and Fibrosis with Renal Function Decline: The ACCORD Trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1343-1352.	2.2	85
89	The Use of Targeted Biomarkers for Chronic Kidney Disease. <i>Advances in Chronic Kidney Disease</i> , 2010, 17, 469-479.	0.6	84
90	Structure of the Ankyrin-binding Domain of $\hat{I}\pm$ -Na,K-ATPase. <i>Journal of Biological Chemistry</i> , 1998, 273, 18681-18684.	1.6	81

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91	A prospective evaluation of urine microscopy in septic and non-septic acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 582-588.	0.4	81
92	Urinary biomarkers to detect acute kidney injury in the pediatric emergency center. <i>Pediatric Nephrology</i> , 2011, 26, 267-274.	0.9	80
93	Neutrophil gelatinase-associated lipocalin as a biomarker of cardiovascular disease: a systematic review. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 1533-45.	1.4	80
94	Neutrophil Gelatinase-Associated Lipocalin Measured on Clinical Laboratory Platforms for the Prediction of Acute Kidney Injury and the Associated Need for Dialysis Therapy: A Systematic Review and Meta-analysis. <i>American Journal of Kidney Diseases</i> , 2020, 76, 826-841.e1.	2.1	80
95	Proteomic Identification of Early Biomarkers of Acute Kidney Injury After Cardiac Surgery in Children. <i>American Journal of Kidney Diseases</i> , 2010, 56, 632-642.	2.1	79
96	Urinary uromodulin, kidney function, and cardiovascular disease in elderly adults. <i>Kidney International</i> , 2015, 88, 1126-1134.	2.6	79
97	An update and review of acute kidney injury in pediatrics. <i>Pediatric Critical Care Medicine</i> , 2011, 12, 339-347.	0.2	77
98	Presurgical Serum Cystatin C and Risk of Acute Kidney Injury After Cardiac Surgery. <i>American Journal of Kidney Diseases</i> , 2011, 58, 366-373.	2.1	75
99	NGAL in Acute Kidney Injury: From Serendipity to Utility. <i>American Journal of Kidney Diseases</i> , 2008, 52, 395-399.	2.1	73
100	Acute kidney injury in childhood: should we be worried about progression to CKD?. <i>Pediatric Nephrology</i> , 2011, 26, 509-522.	0.9	73
101	Urine IL-18, NGAL, IL-8 and serum IL-8 are biomarkers of acute kidney injury following liver transplantation. <i>BMC Nephrology</i> , 2013, 14, 17.	0.8	73
102	A prospective cohort study of acute kidney injury and kidney outcomes, cardiovascular events, and death. <i>Kidney International</i> , 2021, 99, 456-465.	2.6	72
103	Laser Capture Microdissection-Microarray Analysis of Focal Segmental Glomerulosclerosis Glomeruli. <i>Nephron Experimental Nephrology</i> , 2007, 107, e30-e40.	2.4	71
104	Pilot double-blind, randomized controlled trial of short-term atorvastatin for prevention of acute kidney injury after cardiac surgery. <i>Nephrology</i> , 2012, 17, 215-224.	0.7	71
105	Pharmacological targeting of C5a receptors during organ preservation improves kidney graft survival. <i>Clinical and Experimental Immunology</i> , 2008, 153, 117-126.	1.1	70
106	Improving outcomes from acute kidney injury: report of an initiative. <i>Pediatric Nephrology</i> , 2007, 22, 1655-1658.	0.9	68
107	Urine biochemistry in septic and non-septic acute kidney injury: a prospective observational study. <i>Journal of Critical Care</i> , 2013, 28, 371-378.	1.0	66
108	Association of Definition of Acute Kidney Injury by Cystatin C Rise With Biomarkers and Clinical Outcomes in Children Undergoing Cardiac Surgery. <i>JAMA Pediatrics</i> , 2015, 169, 583.	3.3	65

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109	Identification of a urinary proteomic signature for lupus nephritis in children. <i>Pediatric Nephrology</i> , 2007, 22, 2047-2057.	0.9	64
110	Combination of biomarkers for diagnosis of acute kidney injury after cardiopulmonary bypass. <i>Renal Failure</i> , 2015, 37, 408-416.	0.8	64
111	Association of serum albumin levels with kidney function decline and incident chronic kidney disease in elders. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 986-992.	0.4	64
112	NGAL-Siderocalin in kidney disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1451-1458.	1.9	63
113	Interleukin-6 and interleukin-10 as acute kidney injury biomarkers in pediatric cardiac surgery. <i>Pediatric Nephrology</i> , 2015, 30, 1519-1527.	0.9	62
114	Biomarkers for early detection of sickle nephropathy. <i>American Journal of Hematology</i> , 2011, 86, 559-566.	2.0	60
115	Preoperative proteinuria predicts acute kidney injury in patients undergoing cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 495-502.	0.4	59
116	Urine Stability Studies for Novel Biomarkers of Acute Kidney Injury. <i>American Journal of Kidney Diseases</i> , 2014, 63, 567-572.	2.1	59
117	Long-term Stability of Urinary Biomarkers of Acute Kidney Injury in Children. <i>American Journal of Kidney Diseases</i> , 2016, 67, 56-61.	2.1	59
118	Cystatin C as a biomarker of chronic kidney disease: latest developments. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 1019-1026.	1.5	59
119	Low renal toxicity of lipoplatin compared to cisplatin in animals. <i>Anticancer Research</i> , 2004, 24, 2193-200.	0.5	59
120	Plasma NGAL for the Diagnosis of AKI in Patients Admitted from the Emergency Department Setting. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 2053-2063.	2.2	57
121	Cystatin C in acute kidney injury diagnosis: early biomarker or alternative to serum creatinine?. <i>Pediatric Nephrology</i> , 2015, 30, 665-676.	0.9	55
122	Albuminuria increases cystatin C excretion: implications for urinary biomarkers. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, iii96-iii103.	0.4	54
123	Development of a Novel Renal Activity Index of Lupus Nephritis in Children and Young Adults. <i>Arthritis Care and Research</i> , 2016, 68, 1003-1011.	1.5	54
124	Biomarkers of AKI Progression after Pediatric Cardiac Surgery. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1549-1556.	3.0	54
125	The Death Domain of Kidney Ankyrin Interacts with Fas and Promotes Fas-Mediated Cell Death in Renal Epithelia. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 41-51.	3.0	53
126	Cardiac Biomarkers and Acute Kidney Injury After Cardiac Surgery. <i>Pediatrics</i> , 2015, 135, e945-e956.	1.0	53

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127	Neutrophil gelatinase-associated lipocalin: new paths for an old shuttle. <i>Cancer Therapy</i> , 2007, 5, 463-470.	2.9	52
128	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. <i>Critical Care</i> , 2011, 15, R273.	2.5	51
129	Urinary Markers of Kidney Injury and Kidney Function Decline in HIV-Infected Women. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2012, 61, 565-573.	0.9	51
130	Urinary Uromodulin and Risk of Urinary Tract Infections: The Cardiovascular Health Study. <i>American Journal of Kidney Diseases</i> , 2017, 69, 744-751.	2.1	51
131	Interleukin-8 and Tumor Necrosis Factor Predict Acute Kidney Injury After Pediatric Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2017, 104, 2072-2079.	0.7	49
132	Urinary aprotinin as a predictor of acute kidney injury after cardiac surgery in children receiving aprotinin therapy. <i>Pediatric Nephrology</i> , 2008, 23, 1317-1326.	0.9	48
133	Urinary Vitamin D-Binding Protein as a Biomarker of Steroid-Resistant Nephrotic Syndrome. <i>Biomarker Insights</i> , 2016, 11, BML531633.	1.0	48
134	Association of Preoperative Urinary Uromodulin with AKI after Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 10-18.	2.2	48
135	Urinary NGAL Marks Cystic Disease in HIV-Associated Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1687-1692.	3.0	47
136	Identification of urinary metabolites that distinguish membranous lupus nephritis from proliferative lupus nephritis and focal segmental glomerulosclerosis. <i>Arthritis Research and Therapy</i> , 2011, 13, R199.	1.6	47
137	Review article: Acute kidney injury in critical illness. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 985-998.	0.7	46
138	Urinary Cystatin C and Acute Kidney Injury After Cardiac Surgery. <i>American Journal of Kidney Diseases</i> , 2013, 61, 730-738.	2.1	45
139	Urinary biomarkers of cell cycle arrest are delayed predictors of acute kidney injury after pediatric cardiopulmonary bypass. <i>Pediatric Nephrology</i> , 2017, 32, 2351-2360.	0.9	44
140	Progression From Acute Kidney Injury to Chronic Kidney Disease: A Pediatric Perspective. <i>Advances in Chronic Kidney Disease</i> , 2008, 15, 278-283.	0.6	43
141	Urinary NGAL Levels Correlate with Differential Renal Function in Patients with Ureteropelvic Junction Obstruction Undergoing Pyeloplasty. <i>Journal of Urology</i> , 2013, 190, 1462-1467.	0.2	42
142	Renal Cell Injury: Metabolic and Structural Alterations. <i>Pediatric Research</i> , 1994, 36, 129-136.	1.1	41
143	Dissociation of spectrin-ankyrin complex as a basis for loss of Na-K-ATPase polarity after ischemia. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, F358-F364.	1.3	41
144	NGAL distinguishes steroid sensitivity in idiopathic nephrotic syndrome. <i>Pediatric Nephrology</i> , 2012, 27, 807-812.	0.9	41

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145	Association of Urinary Injury Biomarkers with Mortality and Cardiovascular Events. Journal of the American Society of Nephrology: JASN, 2014, 25, 1545-1553.	3.0	41
146	G Protein-Coupled Receptor-G Protein Subunit Signaling Mediates Renal Dysfunction and Fibrosis in Heart Failure. Journal of the American Society of Nephrology: JASN, 2017, 28, 197-208.	3.0	41
147	The Association of Albumin/Creatinine Ratio with Postoperative AKI in Children Undergoing Cardiac Surgery. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1761-1769.	2.2	40
148	Semaphorin 3A Is a New Early Diagnostic Biomarker of Experimental and Pediatric Acute Kidney Injury. PLoS ONE, 2013, 8, e58446.	1.1	39
149	Discovery and initial validation of β glycoprotein fragmentation as a differential urinary biomarker in pediatric steroid-resistant nephrotic syndrome. Proteomics - Clinical Applications, 2011, 5, 334-342.	0.8	38
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